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TE CONNECTIVITY (TE)

### FPC CONN. 0.5MM PITCH B/C, 40P

[FPC](#) | [FPC](#)

4-1734592-0

TE Internal Number: 4-1734592-0

Always EU RoHS/ELV Compliant

Centerline **.5 mm [ .0197 in ]**

Number of Positions **40**

Insertion Force **ZIF**

PCB Mounting Orientation **Right Angle**

Termination Method to PC Board **Surface Mount**

#### Product Drawings

[FPC CONNECTOR, 0.5mm PITCH, BOTTOM CONTACT, SMT TYPE.](#)

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#### CAD Files

[Customer View Model](#)

3D\_STP.ZIP  
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#### Catalog Pages/Data Sheets

[Flexible Printed Circuit Connectors - FPC \(Virtual Sample Kit\)](#)

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[FPC Connector Family](#)

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#### Product Specifications

Product Specification

[FPC CONNECTOR 0.5MM PITCH, SMT TYPE](#)

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#### Product Environmental Compliance

TE Material Declaration

[MD\\_4-1734592-0\\_10152015944\\_dmtec](#)

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Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

|                            |  |   |
|----------------------------|--|---|
| Product Type Features      | Insertion Force                            | ZIF   |
|                            | PCB Mounting Orientation                   | Right Angle   |
|                            | Actuator Type                              | Stuffer   |
|                            | Shrouded                                   | Yes   |
|                            | Applies To                                 | Flexible Printed Circuit (FPC), Printed Circuit Board |
|                            | Product Type                               | Connector   |
|                            | Connector System                           | Flex-to-Board   |
|                            | Connector Type                             | Connector Assembly                                    |
|                            | Sealed                                     | No  |
|                            | Wire/Cable Type                            | FPC/FFC   |
|                            | Shielded                                   | No  |
|                            | Series                                     | FPC   |
|                            | Connector Style                            | Receptacle  |
| Configuration Features     | Number of Positions                        | 40  |
|                            | Number of Rows                             | 1   |
|                            | Tail Orientation                           | Inline  |
| Electrical Characteristics | Operating Voltage (VAC)                    | 250   |
| Contact Features           | Contact Mating Location                    | Bottom  |
|                            | Contact Termination Area Plating Thickness | .025 µm [ 100 µin ]                                   |
|                            | Contact Current Rating (Max) (A)           | .5  |
|                            | Contact Mating Area Plating Thickness      | .025 µm [ 100 µin ]                                   |
|                            | Contact Transmits (Typical)                | Signal (Data)   |
|                            | Contact Mating Area Plating Material       | Gold  |
|                            | Contact Base Material                      | Phosphor Bronze                                       |
|                            | Contact Type                               | Socket  |
|                            | Contact Design                             | Single Beam   |
|                            | Contact Termination Area Plating Material  | Gold  |
| Termination Features       | Termination Method to PC Board             | Surface Mount   |
| Mechanical Attachment      | PCB Mount Alignment                        | Without   |

|                        |  |                              |
|------------------------|--|------------------------------|
|                        | PCB Mount Retention                            | With                         |
|                        | Mating Alignment                               | With                         |
|                        | PCB Mount Retention Type                       | Solder Pads                  |
| Housing Features       | Centerline                                     | .5 mm [ .0197 in ]           |
|                        | Housing Color                                  | Natural                      |
|                        | Housing Material                               | LCP (Liquid Crystal Polymer) |
| Dimensions             | Height   | 2.05 mm [ .08 in ]           |
|                        | Width  | 5.1 mm [ .2 in ]             |
|                        | Flex Cable Thickness                           | .3 mm [ .012 in ]            |
|                        | Length   | 25.43 mm [ 1.0012 in ]       |
| Usage Conditions       | Operating Temperature Range                    | -40 – 85 °C [ -40 – 185 °F ] |
| Identification Marking | Circuit Identification Feature                 | Without                      |
| Packaging Features     | Packaging Method                               | Tape                         |
|                        | Packaging Quantity                             | 2000                         |
| Product Compliance     | <a href="#">Statement of Compliance</a><br>PDF |                              |
|                        | <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>    |                              |

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MULTIPLE CONFIGURATION  
PCB HEADERS & RECEPTACLES




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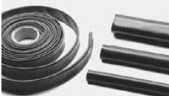


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